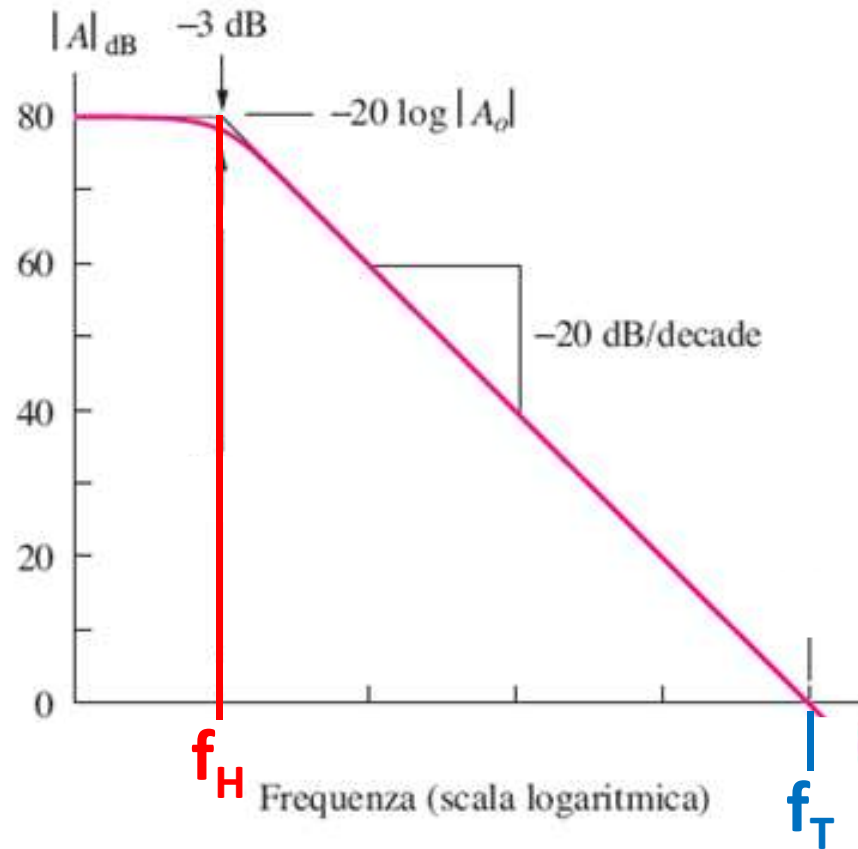


Banda LP AMP



$$A(j\omega) = \frac{A_0}{1 + j\omega/j\omega_H}$$

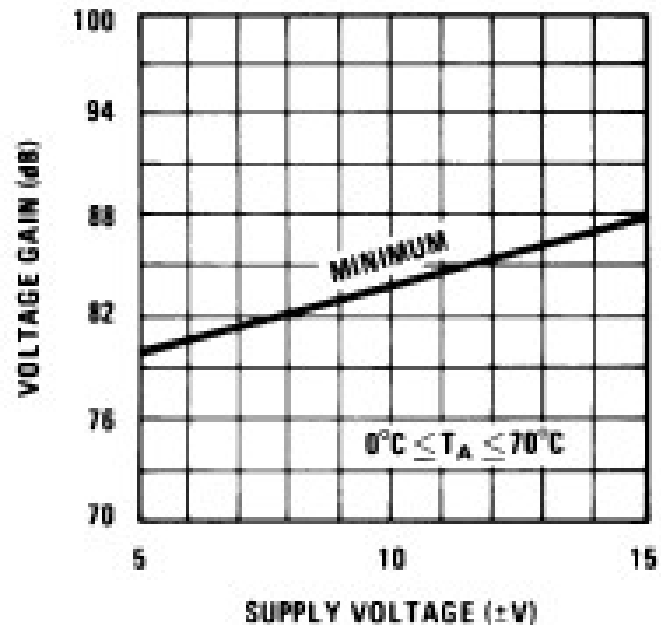


$$A(j\omega) = \frac{A_0\omega_H}{j\omega + \omega_H} = \frac{\omega_T}{j\omega + \omega_H}$$

con $\omega_H = 2\pi \cdot f_H$
e $\omega_T = A_0 \cdot \omega_H$

Guadagno OPAMP

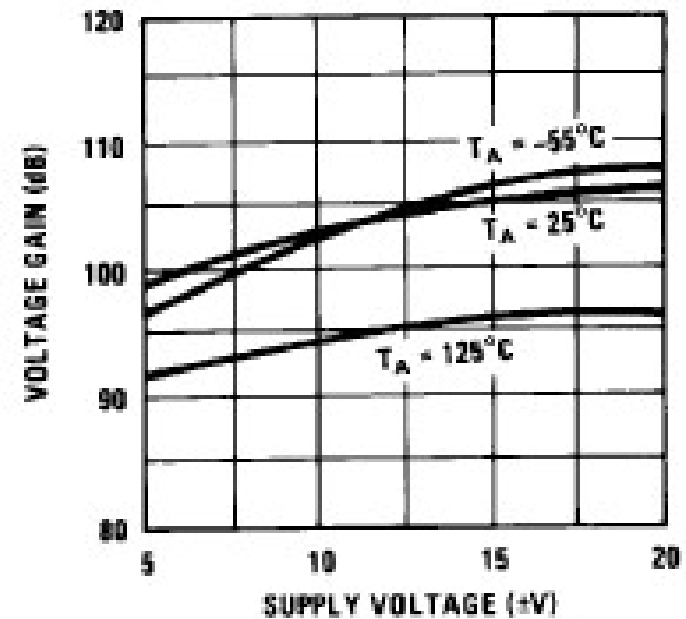
Voltage Gain



DS007752-46

Minimo garantito

Voltage Gain



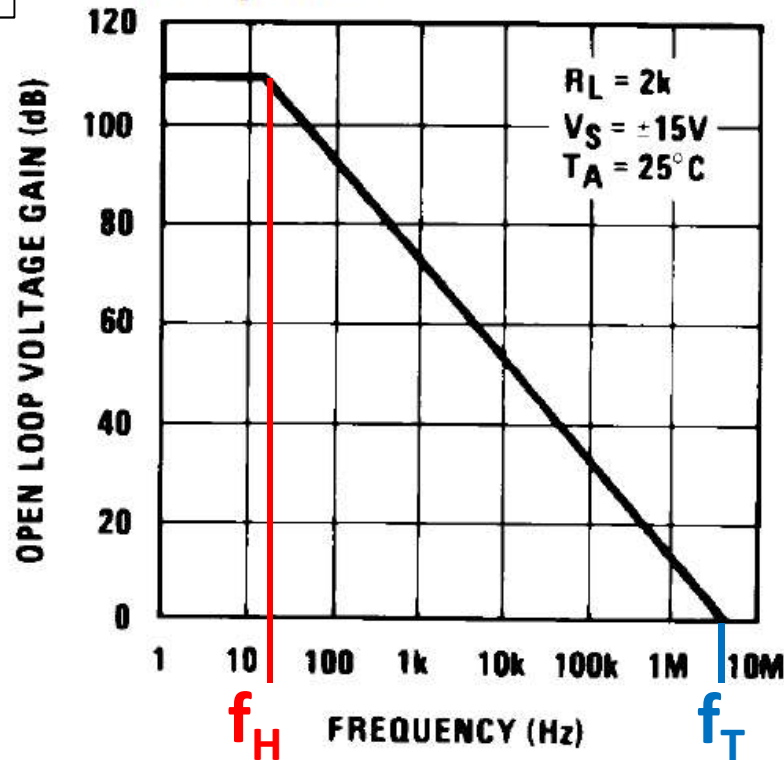
DS007752-48

Tipico

Banda OPAMP

TL081

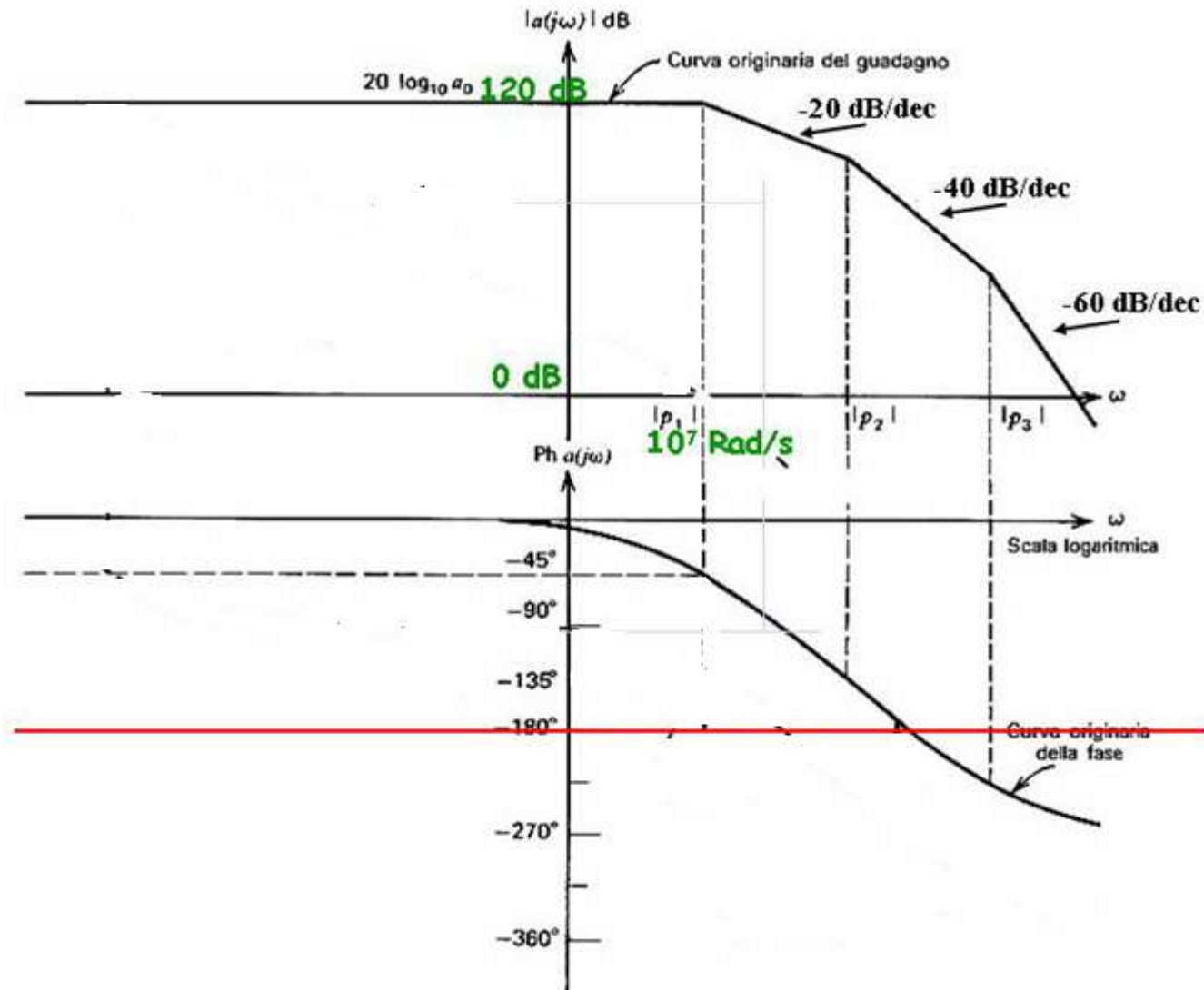
Open Loop Frequency Response



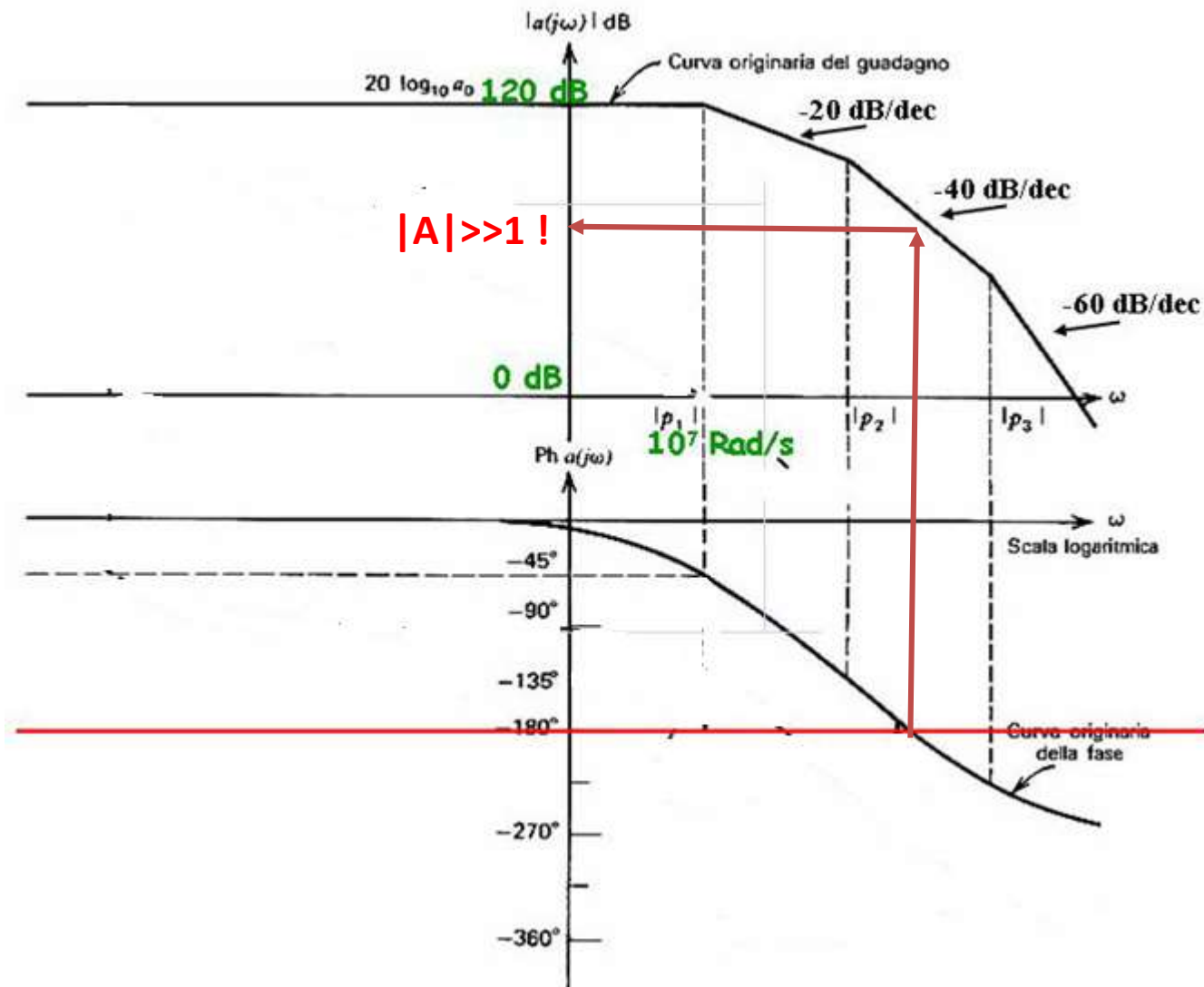
$$A(s) = \frac{A_0}{1 + s / \omega_H}$$

$$\omega_H = 2\pi \cdot f_H$$

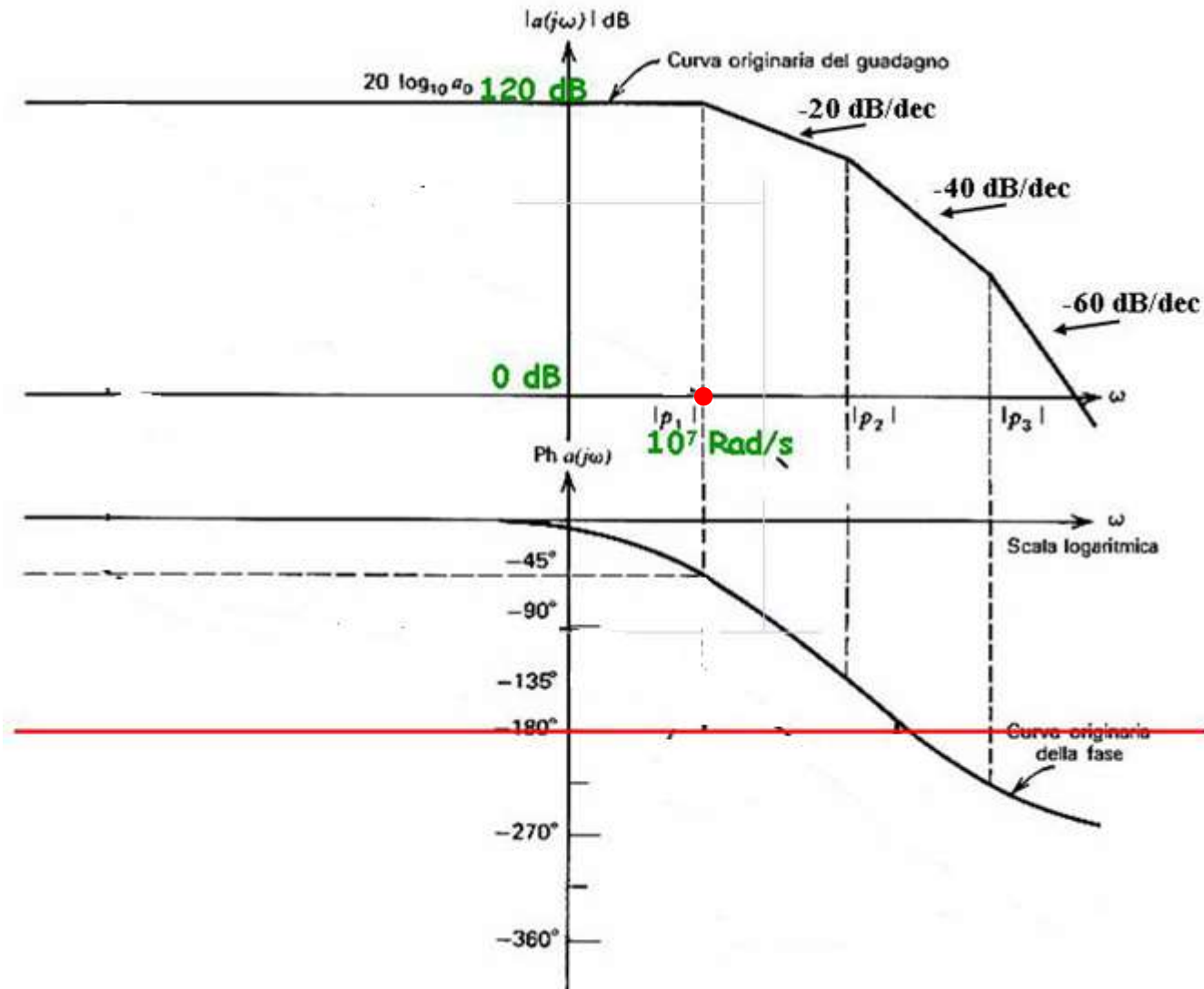
Compensazione



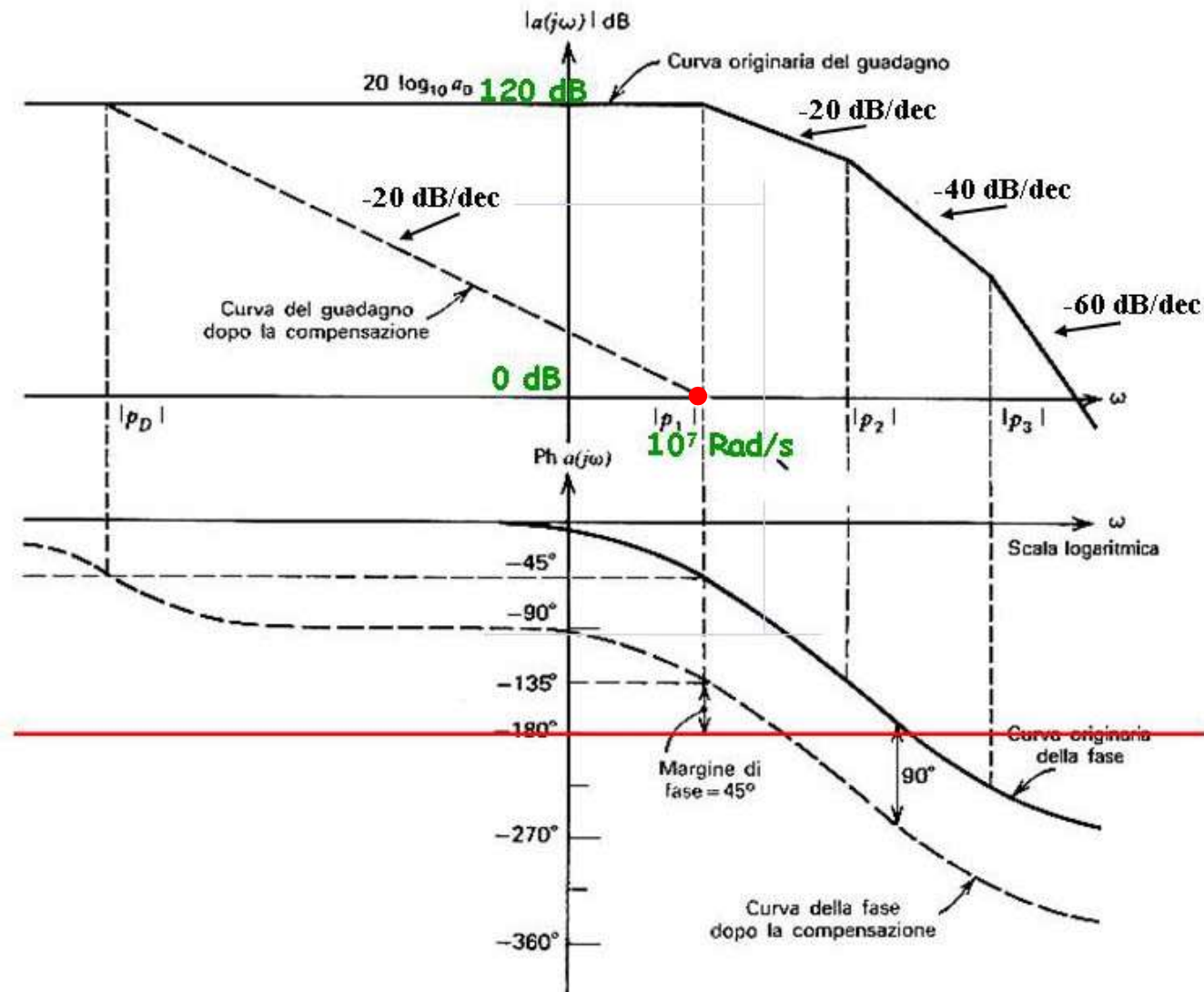
Compensazione



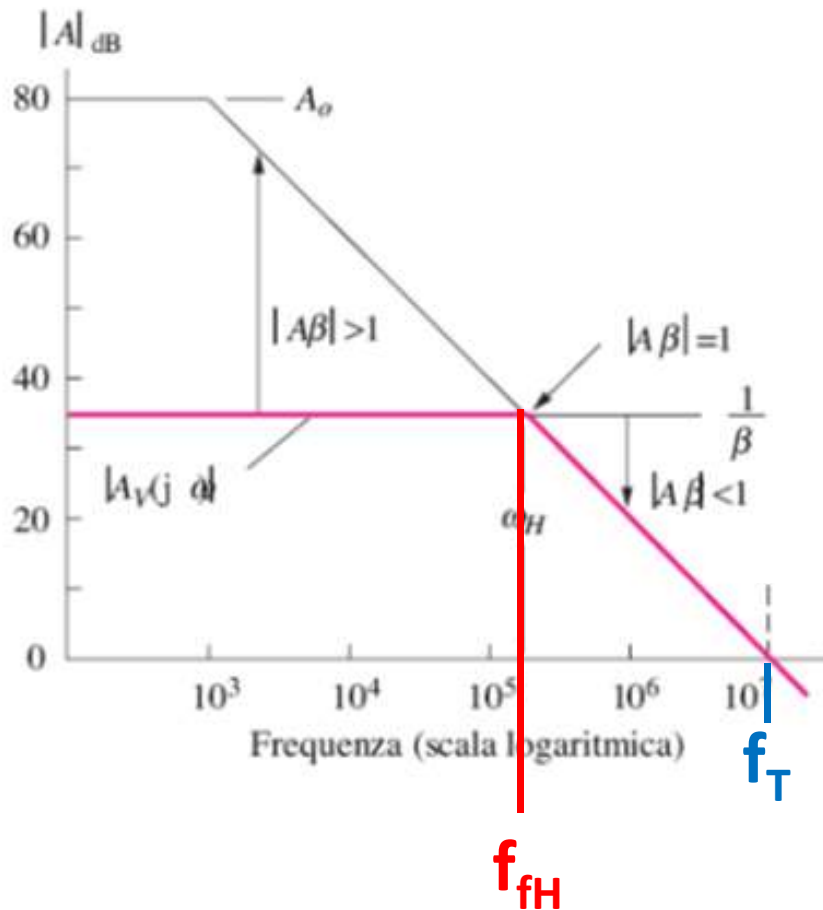
Compensazione



Compensazione



Banda OPAMP in FBK



$$A_f(j\omega) = \frac{A_{f0}}{1 + j\omega / j\omega_{fH}}$$



$$A_f(j\omega) = \frac{A_{f0}\omega_{fH}}{j\omega + \omega_{fH}} = \frac{\omega_T}{j\omega + \omega_{fH}}$$

con $\omega_{fH} = 2\pi \cdot f_{fH}$

e

$$\omega_T = A_{f0} \cdot \omega_{fH} = A_o \cdot \omega_H$$